

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

John J. QUINN et al.

Serial No.: Unassigned

Group Art Unit: Unassigned

Filing Date: Concurrently herewith

Examiner: Unassigned

Title: METHOD FOR DETECTION OF MULTIPLE NUCLEIC ACID SEQUENCE
VARIATIONS

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration.
Applicants respectfully request that the Examiner review and make of record the references
identified below.

A PTO-1449 form listing the references accompanies this paper, along with copies of the
nonpatent documents. Applicants would appreciate the Examiner's initialing and returning the
form to indicate that the references have been reviewed and made of record. The references are
as follows:

U.S. PATENT DOCUMENTS		
Document No.	Issue Date / Publication Date	Patentee / Applicant
5,030,557	7/9/91	Hogan et al.
5,736,330	4/7/98	Fulton
5,981,180	11/9/99	Chandler et al.
6,025,139	2/15/00	Yager et al.
6,046,807	4/4/00	Chandler
6,057,107	5/2/00	Fulton
6,139,800	10/31/00	Chandler
6,187,538	2/13/01	Eastman et al.
6,232,462	5/15/01	Collins et al.
6,265,152	7/24/01	Dunn et al.
6,268,222	7/31/01	Chandler et al.
6,297,018	10/2/01	French et al.

OTHER DOCUMENTS

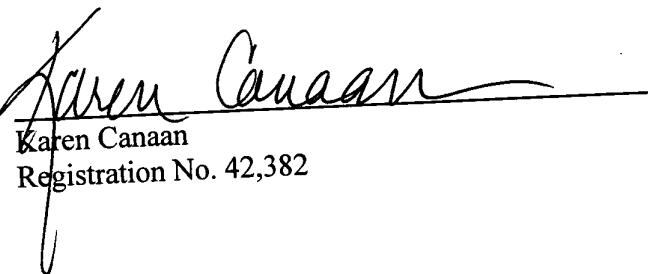
- EASTMAN et al. (1995), "Nonisotopic Hybridization Assay for Determination of Relative Amounts of Genotypic Human Immunodeficiency Virus Type 1 Zidovudine Resistance," *Journal of Clinical Microbiology* 33(10):2777-2780.
- FRENKEL et al. (1995), "Specific, Sensitive, and Rapid Assay for Human Immunodeficiency Virus Type 1 *pol* Mutations Associated with Resistance to Zidovudine and Didanosine," *Journal of Clinical Microbiology* 33(2):342-347.
- HOLODNIY et al. (1995), "Determination of Human Immunodeficiency Virus RNA in Plasma and Cellular Viral DNA Genotypic Zidovudine Resistance and Viral Load During Zidovudine-Didanosine Combination Therapy," *Journal of Virology* 69(6):3510-3516.
- IANNONE et al. (2000), "Multiplexed Single Nucleotide Polymorphism Genotyping by Oligonucleotide Ligation and Flow Cytometry," *Cytometry* 39:131-140.
- SYVÄNEN (1999), "From Gels to Chips: "Minisequencing" Primer Extension for Analysis of Point Mutations and Single Nucleotide Polymorphisms," *Human Mutation* 13:1-10.
- WHITCOMBE et al. (1999), "Detection of PCR Products Using Self-Probing Amplicons and Fluorescence," *Nature Biotechnology* 17:804-807.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

As this Information Disclosure Statement is being filed concurrently with the application, no fee is required.

Respectfully submitted,

By:


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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet

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of

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			<i>Complete if Known</i>	
			Application Number	Unassigned
			Filing Date	Concurrently herewith
			First Named Inventor	John J. QUINN et al.
			Art Unit	Unassigned
			Examiner Name	Unassigned
			Attorney Docket Number	1300-0008

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No.	Issue Date or Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
	AA	5,030,557	7/9/91	Hogan et al.			
	AB	5,736,330	4/7/98	Fulton			
	AC	5,981,180	11/9/99	Chandler et al.			
	AD	6,025,139	2/15/00	Yager et al.			
	AE	6,046,807	4/4/00	Chandler			
	AF	6,057,107	5/2/00	Fulton			
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	AH	6,187,538	2/13/01	Eastman et al.			
	AI	6,232,462	5/15/01	Collins et al.			
	AJ	6,265,152	7/24/01	Dunn et al.			
	AK	6,268,222	7/31/01	Chandler et al.			
	AL	6,297,018	10/2/01	French et al.			

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	AM	EASTMAN et al. (1995), "Nonisotopic Hybridization Assay for Determination of Relative Amounts of Genotypic Human Immunodeficiency Virus Type 1 Zidovudine Resistance," <i>Journal of Clinical Microbiology</i> 33(10):2777-2780.	
	AN	FRENKEL et al. (1995), "Specific, Sensitive, and Rapid Assay for Human Immunodeficiency Virus Type 1 pol Mutations Associated with Resistance to Zidovudine and Didanosine," <i>Journal of Clinical Microbiology</i> 33(2):342-347.	
	AO	HOLODNIY et al. (1995), "Determination of Human Immunodeficiency Virus RNA in Plasma and Cellular Viral DNA Genotypic Zidovudine Resistance and Viral Load During Zidovudine-Didanosine Combination Therapy," <i>Journal of Virology</i> 69(6):3510-3516.	
	AP	IANNONE et al. (2000), "Multiplexed Single Nucleotide Polymorphism Genotyping by Oligonucleotide Ligation and Flow Cytometry," <i>Cytometry</i> 39:131-140.	
	AQ	SYVÄNEN (1999), "From Gels to Chips: "Minisequencing" Primer Extension for Analysis of Point Mutations and Single Nucleotide Polymorphisms," <i>Human Mutation</i> 13:1-10.	
	AR	WHITCOMBE et al. (1999), "Detection of PCR Products Using Self-Probing Amplicons and Fluorescence," <i>Nature Biotechnology</i> 17:804-807.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.